

What is claimed is:

1. A method for controlling the foil tension during the manufacture of wound electrical capacitors in which the foil is run over a swiveling lever (dancing roller) that is loaded by a torque at the axis,  
wherein the torque ( $M_D$ ) is generated by a DC shunt motor which is supplied with current via two highly flexible leads that are soldered precisely opposite each other to the commutator.
2. A device for controlling the foil tension during the manufacture of wound electrical capacitors, including a swinging lever (dancing roller) which can be loaded by a torque at the axis and over which is led the foil,  
wherein the device has a DC shunt motor which is used for generating the torque ( $M_D$ ),  
and which is supplied with current from a constant-current source; and  
two highly flexible leads that are attached precisely opposite each other to the commutator of the motor are used for current supply.
3. The device as recited in Claim 2,  
wherein the swiveling lever (5) has a symmetrical design.